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<b>(21) International Application Number:</b> PCT/GB00/00357 <b>(22) International Filing Date:</b> 8 February 2000 (08.02.00) <b>(30) Priority Data:</b> 9902970.4 11 February 1999 (11.02.99) GB <b>(71) Applicant (for all designated States except US):</b> AS-TRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> LITTLE, Stephen [GB/GB]; Gadbrook Park, Northwich, Cheshire CW9 7RA (GB). GIBSON, Neil, James [GB/GB]; Gadbrook Park, Northwich, Cheshire CW9 7RA (GB). WHITCOMBE, David, Mark [GB/GB]; Gadbrook Park, Northwich, Cheshire CW9 7RA (GB). <b>(74) Agent:</b> BILL, Kevin; Global Intellectual Property, AstraZeneca UK Limited, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
<b>(54) Title:</b> OLIGONUCLEOTIDE ARRAY AND METHODS OF USE  <b>(57) Abstract</b>  The present invention is directed to an oligonucleotide array ("generic" array) consisting of a plurality of different oligonucleotides of predetermined sequence, attached to a solid surface at predetermined positionally distinct locations, characterised in that the oligonucleotides have substantially the same melting temperature ( $T_m$ ) and to methods utilising said "generic" array.		